INTERNATIONAL SEARCH REPORT



A. CLASSIF	FICATION OF SUBJECT MATTER			
IPC 7	FICATION OF SUBJECT MATTER H04N5/445			
	Liver Court Description (IDC) or to both national classifica	tion and IPC	. •	
	International Patent Classification (IPC) or to both national classification	non and IFC		
	SEARCHED cumentation searched (classification system followed by classification	on symbols)		
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5	ion searched other than minimum documentation to the extent that so	uch documents are included in the fields se	earched	
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Electronic d	ata base consulted during the international search (name of data bas	se and, where practical, search terms used)	
EPO-In	ternal			
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C. DOCUMI	ENTS CONSIDERED TO BE RELEVANT	 		
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.	
Х	US 4 817 203 A (TSURUMOTO ET AL)		1-24	
	28 March 1989 (1989-03-28)		,	
	the whole document		,	
A	EP 1 113 442 A (LG ELECTRONICS IN	IC)	1-24	
l '	4 July 2001 (2001-07-04)			
	the whole document			
,			1 04	
A	US 5 598 523 A (FUJITA ET AL)	·	1-24	
	28 January 1997 (1997-01-28)			
	column 3, line 20 - line 39 column 5, line 9 - line 67			
			·	
	<u> </u>			
Furl	ther documents are listed in the continuation of box C.	χ Patent family members are listed	in annex.	
° Special c	ategories of cited documents :	*T* later document published after the inte	ernational filing date	
'A' docum	nent defining the general state of the art which is not	or priority date and not in conflict with cited to understand the principle or the	the application but	
consi	dered to be of particular relevance	invention		
E earlier document but published on or after the international filling date		"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to		
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citatio	on or other special reason (as specified)	cannot be considered to involve an in document is combined with one or m	iventive step when the	
other	nent referring to an oral disclosure, use, exhibition or means	ments, such combination being obvious in the art.	ous to a person skilled	
	nent published prior to the international filling date but than the priority date claimed	*&* document member of the same patent family		
<u> </u>	e actual completion of the international search	Date of mailing of the international sea	arch report	
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I warne and	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2	, and a direct		
	NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,	Van de Masile I		
	Fax: (+31-70) 340-3016	Van de Maele, L		

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INTERNATIONAL SEARCH REPORT

hation on patent family members

T/US2004/013861

	Patent document cited in search report	rt	Publication date		Patent family member(s)	Publication date
	US 4817203	Α	28-03-1989	JP	2067157 C	10-07-1996
				JP	7105895 B	13-11-1995
				JP	62284583 A	10-12-1987
				CA	1256945 A1	04-07-1989
				GB	2191643 A ,B	16-12-1987
				HK	69794 A	29-07-1994
				KR	9604507 B1	06-04-1996
٠.	EP 1113442	A	04-07-2001	KR	2001060616 A	07-07-2001
				CN	1304252 A	18-07-2001
				EΡ	1113442 A2	04-07-2001
	•			JP	2001238278 A	31-08-2001
				JР	2004007639 A	08-01-2004
			+	US	2001020958 A1	13-09-2001
	US 5598523	A	28-01-1997	NONE		